RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _10/048,234A_
Source: _1Fw/6_
Date Processed by STIC: _9/21/06_

ENTERED :

CRF Errors Edited by the STIC Systems Branch

Serial Number: _10/048,234A_   CRF Edit Date: _9/21/06_
Edited by: _AL_

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

_✓_ Deleted: _✓_ invalid beginning/end-of-file text ; ___ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

Revised 09/09/2003

RAW SEQUENCE LISTING   DATE: 09/21/2006
PATENT APPLICATION: US/10/048,234A   TIME: 16:38:17

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09212006\J048234A.raw

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 5        Gellerfors, Par
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 8        METHODS FOR TREATING PATIENTS WITH ACUTE INTERMITTENT
 9        PORPHYRIA (AIP) AND OTHER PORPHYRIC DISEASES
12 <130> FILE REFERENCE: GELLERFORS=2
14 <140> CURRENT APPLICATION NUMBER: US 10/048,234A
15 <141> CURRENT FILING DATE: 2003-09-11
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Output Set: **N:\CRF4\09212006\J048234A.raw**

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252 tggcacaacc gggtggggca gatcctgcac cctgaggaat gcatgtatgc tgtgggccag 600
253 ggggccttgg gcgtggaagt gcgagccaag gaccaggaca tcttggatct ggtgggtgtg 660
254 ctgcacgatc ccgagactct gcttcgctgc atcgctgaaa gggccttcct gaggcacctg 720
255 gaaggaggct gcagtgtgcc agtagccgtg catacagcta tgaaggatgg gcaactgtac 780
256 ctgactggag gagtctggag tctagacggc tcagatagca tacaagagac catgcaggct 840
257 accatccatg tccctgccca gcatgaagat ggccctgagg atgacccaca gttggtaggc 900
258 atcactgctc gtaacattcc acgagggccc cagttggctg cccagaactt gggcatcagc 960
259 ctggccaact tgttgctgag caaaggagcc aaaaacatcc tggatgttgc acggcaattg 1020
260 aacgatgccc attaa                                                           1035
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/21/2006
PATENT APPLICATION: US/10/048,234A   TIME: 16:38:18

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09212006\J048234A.raw

<u>Invalid Line Length:</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:62; Line(s) 1070

VERIFICATION SUMMARY   DATE: 09/21/2006
PATENT APPLICATION: **US/10/048,234A**   TIME: 16:38:18

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\09212006\J048234A.raw**

Raw Sequence Listing before editing (for reference only)

IFW16

RAW SEQUENCE LISTING   DATE: 09/21/2006
PATENT APPLICATION: US/10/048,234A   TIME: 11:43:42

Input Set : **A:\2006-09-18 Modified Sequence Listing.txt**
Output Set: **N:\CRF4\09212006\J048234A.raw**

```
 4 <110> APPLICANT: Fogh, Jens
 5        Gellerfors, Par
 7 <120> TITLE OF INVENTION: PRODUCTION OF rhPBGD AND NEW THERAPEUTIC
 8        METHODS FOR TREATING PATIENTS WITH ACUTE INTERMITTENT
 9        PORPHYRIA (AIP) AND OTHER PORPHYRIC DISEASES
12 <130> FILE REFERENCE: GELLERFORS=2
14 <140> CURRENT APPLICATION NUMBER: US 10/048,234A
15 <141> CURRENT FILING DATE: 2003-09-11
17 <150> PRIOR APPLICATION NUMBER: PA 1999 01071
18 <151> PRIOR FILING DATE: 1999-07-27
20 <150> PRIOR APPLICATION NUMBER: PA 2000 00667
21 <151> PRIOR FILING DATE: 2000-04-19
23 <160> NUMBER OF SEQ ID NOS: 62
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

```
1064 <210> SEQ ID NO: 62
1065 <211> LENGTH: 25
1066 <212> TYPE: DNA
1067 <213> ORGANISM: Homo sapiens
1069 <400> SEQUENCE: 62
1070 acccggttgt gctagcccat gcgct                              25
E--> 1071  ??
E--> 1073  ??
E--> 1075  ??
E--> 1077  ??
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/21/2006
PATENT APPLICATION: **US/10/048,234A**   TIME: 11:43:44

Input Set : **A:\2006-09-18 Modified Sequence Listing.txt**
Output Set: **N:\CRF4\09212006\J048234A.raw**

<u>**Invalid Line Length:**</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:62; Line(s) 1070

VERIFICATION SUMMARY   DATE: 09/21/2006
PATENT APPLICATION: **US/10/048,234A**   TIME: 11:43:44

Input Set : **A:\2006-09-18 Modified Sequence Listing.txt**
Output Set: **N:\CRF4\09212006\J048234A.raw**

L:1071 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1073 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:62
L:1073 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1075 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:62
L:1075 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1077 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:62
L:1077 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1